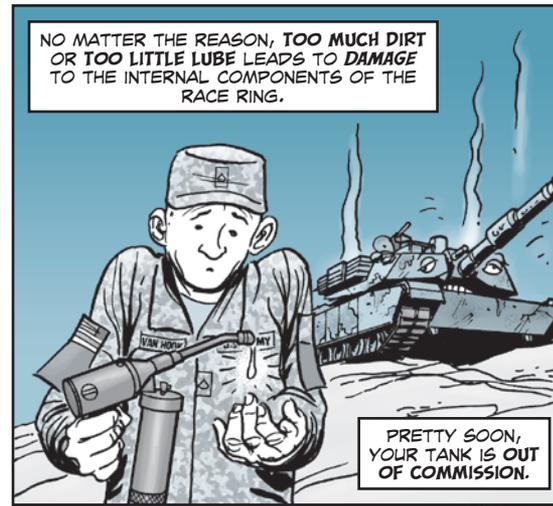
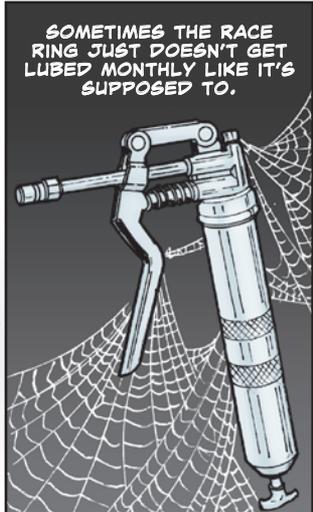


A LITTLE LUBE WINS THE RACE



Ball Bearing Race Ring

- Remove the ball insert plug, NSN 2530-01-364-4956. Look for contamination, unserviceable grease, damaged ball bearings and damaged or turned springs.

Remove ball insert plug...

...and look for contaminated grease and damaged bearings or springs

- Reinstall the ball insert plug and traverse the race ring 90°. Never traverse the turret without the plug in place or the springs will jam up and the bearings will fall out.
- Remove the plug at the new position and inspect again. Repeat the process until you've inspected the race ring at four separate 90° positions. Don't forget to reinstall the plug after the final inspection.

IF YOU FIND ANY CONTAMINATION OR DAMAGE, TELL YOUR MECHANIC.

HE'LL CONTACT SUPPORT MAINTENANCE SO THEY CAN PERFORM THE RACE ASSEMBLY REPLACEMENT, REMOVAL AND INSTALLATION IN WP 0809 OF TM 9-2350-264-23-2-5 (JUL 11).



PS MORE



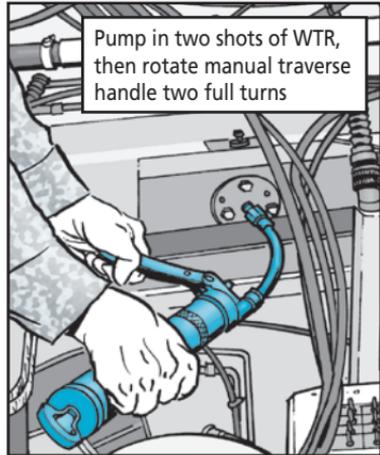
ONE MORE THING!
MAKE SURE THE
BALL INSERT PLUG
THAT COMES WITH
YOUR TANK **STAYS**
WITH YOUR TANK.

THE RACE RING
ASSEMBLY AND
BALL INSERT PLUG
ARE A **MATCHED**
SET AND HAVE TO
STAY TOGETHER.

IF YOU FIND NO
PROBLEMS, GIVE
THE RACE RING
ITS MONTHLY
LUBING LIKE
THIS...



1. Give the grease fitting on the ball insert plug two shots of WTR aircraft grease.
2. Rotate the manual traverse handle two full turns to move the turret. Give the grease fitting two more shots of WTR.
3. Repeat Steps 1 and 2 until the turret has made a complete 360° revolution around the hull.



Pump in two shots of WTR,
then rotate manual traverse
handle two full turns



Wire Race Ring

THERE IS NO
INSPECTION CRITERIA
FOR TANKS EQUIPPED
WITH THE WIRE RACE
RING; NSN 1015-01-
433-7999.

BUT YOU'LL
STILL
NEED TO
LUBE IT
MONTHLY.
HERE'S
HOW...

1. Remove the race ring's cover guard, NSN 5340-01-505-2887. Underneath, you'll see three lube fittings.
2. Use a grease gun to slowly pump two shots of WTR into the top grease fitting while manually traversing the turret two full revolutions.
3. Repeat Step 2, but use the middle grease fitting.
4. For the bottom grease fitting, slowly pump in one shot of WTR while manually traversing the turret one revolution.
5. Reinstall the cover guard.

Look for three grease fittings
under cover guard for
wire race ring

